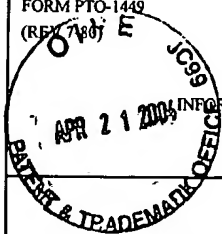
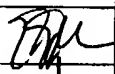

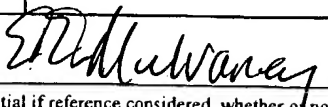


FORM PTO-1449 (REV 7-01) E		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 890050.448C1		APPLICATION NO. 10/712,309	
		INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)					
		APPLICANT Narutoshi Fukuzawa				FILING DATE November 12, 2003	
				GROUP ART UNIT 1770			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AG	01-174488	07/11/89	JP (+ Abstract in English)			
	AH	06-295469	10/21/94	JP (+ Abstract in English)			
	AI	08-127174	05/21/96	JP (+ Abstract in English)			
	AJ	11-058965	03/02/99	JP (+ Abstract in English)			
	AK	11-221964	08/17/99	JP (+ Abstract in English)			
	AL	11-334207	12/07/99	JP (+ Abstract in English)			
	AM	2001-138633	05/22/01	JP (+ Abstract in English)			
	AN	2001-287462	10/16/01	JP (+ Abstract in English)			
	AO	2001-287465	10/16/01	JP (+ Abstract in English)			
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AP						
	AQ						
	AR						
EXAMINER 				DATE CONSIDERED 12-8-04			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).							